

## **ABSTRACT**

An insulated electrical conductor with preserved functionality in case of fire comprises a metallic conductor, a first glass and/or mica containing layer, which is applied to the conductor, and a second plastic layer sheathing the first layer. The first layer consists of at least two longitudinally introduced strips (2, 3) of glass and/or mica applied to the conductor, the width of which is selected such that the strips (2, 3) overlap by at least 50%.